6.25. Zlib-1.2.3 Linux From Scratch - Version 6.4 Chapter 6. Installing Basic System Software Prev Libtool-2.2.6a Next Perl-5.10.0 Up Home 6.25. Zlib-1.2.3 The Zlib package contains compression and decompression routines used by some programs. Approximate build time: less than 0.1 SBU Required disk space: 3.1 MB 6.25.1. Installation of Zlib Note Zlib is known to build its shared library incorrectly if CFLAGS is specified in the environment. If using a specified CFLAGS variable, be sure to add the -fPIC directive to the CFLAGS variable for the duration of the configure command below, then remove it afterwards. Prepare Zlib for compilation: ./configure --prefix=/usr --shared --libdir=/lib Compile the package: make To test the results, issue: make check Install the shared library: make install The previous command installed a .so file in /lib. We will remove it and relink it into /usr/lib: rm -v /lib/libz.so ln -sfv ../../lib/libz.so.1.2.3 /usr/lib/libz.so Build the static library: make clean ./configure --prefix=/usr make To test the results again, issue: make check Install the static library: make install Fix the permissions on the static library: chmod -v 644 /usr/lib/libz.a 6.25.2. Contents of Zlib Installed libraries: libz.{a,so} Short Descriptions libz Contains compression and decompression functions used by some programs Prev Libtool-2.2.6a Next Perl-5.10.0 Up Home